BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Measurement Sheet

First and Final

Item No:	10
Item Name:	Providing ruled pointing 20mm deep, after rak Coursed stone masonry with cement mortar, cost of materials, lab depth of 20mm nicely lining, includingUr> HOM curing complete as per specifications Item No 34.13

	CHAINAGE / Land Mark		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
SSM for Flagging Coarse										
Oni Road (LHS)										
From Venugopal Temple Road	0.00	15.00	2	15.00				0.75	22.50	
	15.00	30.00	2	15.00				0.75	22.50	
	30.00	45.00	2	15.00				0.75	22.50	
	45.00	60.00	2	15.00				0.75	22.50	
	60.00	75.00	2	15.00				0.75	22.50	
	75.00	90.00	2	15.00				0.75	22.50	
	90.00	105.00	2	15.00				0.75	22.50	
	105.00	115.00	2	10.00				0.75	15.00	
Total Qty Work Done									**172.50**	**Sqm**
Qty Payable in this bill									**172.50**	**Sqm**

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub Division
BENGALURU-560 010

Contractor Representative

20/01/21

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Consultant Representative

Civil-Tech Consultants & Engineers Bangalore

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Measurement Sheet

First and Final

Item No: **11**

Item Name: Providing and laying pre-cast drain cover slabs of 100mm thickness in C.M (1:3) including cost and of all materials, labour,curing transportaion loading and unloading etc. as per directions of the Engineer-in-charge of the work.(date rate approved)

CHAINAGE Land Mark		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
100mm Slabs For Missing Slabs									
Lake Road (RHS)									
From Venugopal Temple Road	0.00	15.00	2	15.00			0.90	27.00	
	15.00	30.00	2	15.00			0.90	27.00	
	30.00	45.00	2	15.00			0.90	27.00	
	45.00	62.50	2	17.20			0.90	30.96	
Venugopal Temple Road (LHS)									
From 6th Cross Road	0.00	12.70	1	12.70			0.90	11.43	
	12.70	17.00	1	4.30			0.90	3.87	
	17.00	27.00	1	10.00			0.90	9.00	
Venugopal Temple Road (RHS)									
From Venugopal Temple Road	0.00	15.00	1	15.00			0.90	13.50	
	15.00	27.00	1	15.00			0.90	13.50	
Maramma Temple (LHS)									
From Temple Front	0.00	15.00	1	15.00			0.90	13.50	
	15.00	17.92	1	2.92			0.90	2.63	
	17.92	20.92	1	3.00			0.90	2.70	Cross Road
	20.92	35.92	1	15.00			0.90	13.50	
	35.92	50.92	1	15.00			0.90	13.50	
	50.92	63.67	1	12.75			0.90	11.48	
	63.67	67.67	1	4.00					Cross Road
	67.67	79.67	1	12.00			0.90	10.80	
	79.67	87.17	1	7.50					5th Cross Road
	87.17	102.17	1	15.00			0.90	13.50	
	102.17	117.17	1	15.00			0.90	13.50	
	117.17	128.27	1	11.10			0.90	9.99	
	128.27	134.57	1	6.30					7th Cross Road
	134.57	149.57	1	15.00			0.90	13.50	
	149.57	164.57	1	15.00			0.90	13.50	
	164.57	179.57	1	15.00			0.90	13.50	
	179.57	186.07	1	6.50			0.90	5.85	
	186.07	191.57	1	5.50					9th Cross Road
Maramma Temple (RHS)									
From Sai Ram Condiments	0.00	8.80	1	8.80			0.90	7.92	
	8.80	13.80	1	5.00					Cross Road
	13.80	28.80	1	15.00			0.90	13.50	
	28.80	43.80	1	15.00			0.90	13.50	
	43.80	52.00	1	8.20			0.90	7.38	
	52.00	55.40	1	3.40					8lv Cross Road
	55.40	70.40	1	15.00			0.90	13.50	

E.E. (D.D.)

	70.40	72.70	1	2.30			0.90		2.07	
	72.70	78.60	1	5.90						Cross Road appartment
	78.60	93.60	1	15.00			0.90		13.50	
	93.60	108.60	1	15.00			0.90		13.50	
	108.60	123.60	1	15.00			0.90		13.50	
	123.60	138.60	1	15.00			0.90		13.50	
	138.60	142.00	1	3.40			0.90		3.06	
	142.00	146.00	1	4.00						Durga Gold palace Cross Road
	146.00	161.00	1	15.00			0.90		13.50	
6th Cross Road (RHS)										
From Maramma Temple Main Road	0.00	15.00	2	15.00			0.90		27.00	
	15.00	30.00	2	15.00			0.90		27.00	
	30.00	38.00	2	8.00			0.90		14.40	
Cross Road (LHS)										
From Main Road	0.00	12.70	1	12.70			0.90		11.43	
	12.70	17.00	1	4.30						Cross Road
	17.00	32.00	1	15.00			0.90		13.50	
	32.00	46.50	1	14.50			0.90		13.05	
CrossRoad (RHS)										
From Main Road	0.00	15.00	1	15.00			0.90		13.50	
	15.00	30.00	1	15.00			0.90		13.50	
	30.00	45.00	1	15.00			0.90		13.50	
	45.00	58.90	1	13.90			0.90		12.51	
Towards St Johns School Road (LHS)										
From 2nd Main Road Narashimayya Badavane	0.00	15.00	1	15.00			0.90		13.50	
	15.00	30.00	1	15.00			0.90		13.50	
	30.00	45.00	1	15.00			0.90		13.50	
	45.00	60.00	1	15.00			0.90		13.50	
	60.00	75.00	1	15.00			0.90		13.50	
	75.00	84.20	1	9.20			0.90		8.28	
	84.20	89.40	1	5.20						Cross Road
	89.40	104.40	1	15.00			0.90		13.50	
	104.40	119.40	1	15.00			0.90		13.50	
	119.40	132.70	1	13.30			0.90		11.97	
	132.70	137.90	1	5.20						Cross Road
	137.90	152.90	1	15.00			0.90		13.50	
	152.90	164.40	1	11.50			0.90		10.35	
	164.40	169.40	1	5.00						Cross Road
	169.40	184.40	1	15.00			0.90		13.50	
	184.40	196.40	1	12.00			0.90		10.80	
	196.40	203.30	1	6.90						Cross Road
	203.30	218.30	1	15.00			0.90		13.50	
	218.30	233.30	1	15.00			0.90		13.50	
	233.00	235.00	1	2.00			0.90		1.80	
Towards St Johns School Road (RHS)										
From2nd Main Road Narashimayya Badavane	0.00	15.00	1	15.00			0.90		13.50	
	15.00	30.00	1	15.00			0.90		13.50	
	30.00	45.00	1	15.00			0.90		13.50	
	45.00	60.00	1	15.00			0.90		13.50	
	60.00	75.00	1	15.00			0.90		13.50	
	75.00	90.00	1	15.00			0.90		13.50	
	90.00	105.00	1	15.00			0.90		13.50	
	105.00	120.00	1	15.00			0.90		13.50	
	120.00	135.00	1	15.00			0.90		13.50	
	135.00	150.00	1	15.00			0.90		13.50	
	150.00	165.00	1	15.00			0.90		13.50	

E.E. (D.D.)

E.E. (D.D.)

	165.00	180.00	1	15.00			0.90		13.50	
	180.00	195.00	1	15.00			0.90		13.50	
	195.00	210.00	1	15.00			0.90		13.50	
	210.00	225.00	1	15.00			0.90		13.50	
	225.00	233.00	1	7.00			0.90		6.30	
2nd Main Road Narashimayya Badavane (LHS)										
From Flag Front Side	0.00	15.00	1	15.00			0.90		13.50	
	15.00	30.00	1	15.00			0.90		13.50	
	30.00	40.00	1	10.00			0.90		9.00	
2nd Main Road Narashimayya Badavane (RHS)										
From Flag Front Side	0.00	15.00	1	15.00			0.90		13.50	
	15.00	30.00	1	15.00			0.90		13.50	
	30.00	40.00	1	10.00			0.90		9.00	
								Total Qty Work Done	**1075.02**	**Sqm**
								Qty Payable in this bill	**1061.10**	**Sqm**

ASSISTANT EXECUTIVE ENGINEER
KRIDL/BBMP/Dasarahalli Sub -Divison
BENGALURU-560 045

Contractor Representative

05/03/21

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

15/3/21

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Measurement Sheet

First and Final

Item No:	**12**
Item Name:	Providing and laying pre-cast drain cover slabs of 250mm thickness in C.M (1:3) including cost and of all materials, labour,curing transportaion loading and unloading etc. as per directions of the Engineer-in-charge of the work.(date rate approved)

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
250mm Slabs for Culverts										
6th Cross Road (RHS)										
	1.00	5.50	1	5.50				1.50	8.25	
	1.00	5.00	1	5.00				1.50	7.50	
Oni Road (L Shape)										
	1.00	9.50	1	9.50				1.50	14.25	
	1.00	5.00	1	5.00				1.50	7.50	
Lake Road (RHS)										
	1.00	6.40	1	6.40				1.50	9.60	
	1.00	5.80	1	5.80				1.50	8.70	
St Johns School Road (LHS)										
	1.00	5.20	1	5.30				1.50	7.95	
	1.00	5.30	1	5.40				1.50	8.10	
	1.00	5.00	1	5.00				1.50	7.50	
	1.00	6.90	1	6.90				1.50	10.35	
Cross Road Center (Near Flag Pole)										
	1.00	5.60	1	5.60				1.50	8.40	
	1.00	5.70	1	5.70				1.50	8.55	
								Total Qty Work Done	**106.65**	**Sqm**
								Qty Payable in this bill	**105.09**	**Sqm**

ASSISTANT EXECUTIVE ENGINEER
Contractor Representative
Krishna Sagar Dasarahalli Sub -Divison
BENGALURU-560 010

15/3/21

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Measurement Sheet

First and Final

Item No:	13
Item Name:	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottomwidth 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. Item No 5.30

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Kerb Stones										
Oni Road										
	0.00	15.00	2	15.00					67.00	
	15.00	30.00	2	15.00					67.00	
	30.00	45.00	2	15.00					67.00	
	45.00	60.00	2	15.00					67.00	
	60.00	75.00	2	15.00					67.00	
	75.00	90.00	2	15.00					67.00	
	90.00	105.00	2	15.00					67.00	
	105.00	115.00	2	10.00					44.00	
50% of Maramma Temple Road										
	0.00	15.00	2	15.00					67.00	
	15.00	30.00	2	15.00					67.00	
	30.00	45.00	2	15.00					67.00	
	45.00	60.00	2	15.00					67.00	
	60.00	75.00	2	15.00					67.00	
	75.00	90.00	2	15.00					67.00	
	90.00	105.00	2	15.00					67.00	
	105.00	120.00	2	15.00					67.00	
	120.00	135.00	2	15.00					67.00	
	135.00	150.00	2	15.00					67.00	
	150.00	165.00	2	15.00					67.00	
	165.00	180.00	2	15.00					67.00	
	180.00	195.00	2	15.00					67.00	
	195.00	205.00	2	10.00					44.00	
									Total Qty Work Done	**1428.00**	**No,s**
									Qty Payable in this bill	**1424.00**	**No,s**

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub -Divison
BENGALURU-560 010

Contractor Representative

Assistant Engineer
Ward No. 14
5/04/21

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Pre-Measurement Sheet

First and Final

Item No: **14**

Item Name: Removing and resetting of kerb stones

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Removing and resetting of kerb stones										
50% of Maramma Temple Road										
	0.00	15.00	2	15.00					67.00	
	15.00	30.00	2	15.00					67.00	
	30.00	45.00	2	15.00					67.00	
	45.00	60.00	2	15.00					67.00	
	60.00	75.00	2	15.00					67.00	
	75.00	90.00	2	15.00					67.00	
	90.00	105.00	2	15.00					67.00	
	105.00	120.00	2	15.00					67.00	
	120.00	135.00	2	15.00					67.00	
	135.00	150.00	2	15.00					67.00	
	150.00	165.00	2	15.00					67.00	
	165.00	180.00	2	15.00					67.00	
	180.00	195.00	2	15.00					67.00	
	195.00	205.00	2	10.00					44.00	
Total Qty Work Done									**915.00**	**m**
Qty Payable in this bill									**912.00**	**m**

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub -Divison
BENGALURU-560 010

05/04/24

Contractor Representative

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Measurement Sheet

First and Final

Item No: **15**

Item Name: KSRRB 800-1. Painting two coats after filling the surface with synthetic Sqm enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Item No 24.1

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Painting For kerb stones										
Oni Road (LHS)										
From Venugopal Temple Road	0.00	15.00	1	15.00				0.40	6.00	
	15.00	30.00	1	15.00				0.40	6.00	
	30.00	45.00	1	15.00				0.40	6.00	
	45.00	60.00	1	15.00				0.40	6.00	
	60.00	75.00	1	15.00				0.40	6.00	
	75.00	90.00	1	15.00				0.40	6.00	
	90.00	105.00	1	15.00				0.40	6.00	
	105.00	120.00	1	15.00				0.40	6.00	
	120.00	135.00	1	15.00				0.40	2.80	
	135.00	142.00	1	7.00						
Maramma Temple (LHS)										
From Temple Front	0.00	15.00	1	15.00				0.40	6.00	
	15.00	17.92	1	2.92				0.40	1.17	
	17.92	20.92	1	3.00						Cross Road
	20.92	35.92	1	15.00				0.40	6.00	
	35.92	50.92	1	15.00				0.40	6.00	
	50.92	63.67	1	12.75				0.40	5.10	
	63.67	67.67	1	4.00						Cross Road
	67.67	79.67	1	12.00				0.40	4.80	
	79.67	87.17	1	7.50						5th Cross Road
	87.17	102.17	1	15.00				0.40	6.00	
	102.17	117.17	1	15.00				0.40	6.00	
	117.17	128.27	1	11.10				0.40	4.44	
	128.27	134.57	1	6.30						7th Cross Road
	134.57	149.57	1	15.00				0.40	6.00	
	149.57	164.57	1	15.00				0.40	6.00	
	164.57	179.57	1	15.00				0.40	6.00	
	179.57	186.07	1	6.50				0.40	2.60	
	186.07	191.57	1	5.50						9th Cross Road
	191.57	206.57	1	15.00				0.40	6.00	
	206.57	221.57	1	15.00				0.40	6.00	
	221.57	229.07	1	7.50						15th Cross Road
	229.07	244.07	1	15.00				0.40	6.00	
	244.07	259.07	1	15.00				0.40	6.00	
	259.07	260.07	1	1.00				0.40	0.40	
Maramma Temple (RHS)										
From Sai Ram Condiments	0.00	8.80	1	8.80				0.40	3.52	
	8.80	13.80	1	5.00						Cross Road
	13.80	28.80	1	15.00				0.40	6.00	
	28.80	43.80	1	15.00				0.40	6.00	

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Pre-Measurement Sheet

First and Final

Item No: **16**

Item Name: KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick Sqm along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications. MORTH I Chapter 3 Item No 19.56

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Road Formation										
6th Cross Road										
From Maramma Temple Main Road	0.00	15.00	2	15.00	1.20	1.10	1.00		30.00	
	15.00	30.00	2	15.00	1.20	1.10	1.00		30.00	
	30.00	45.00	2	15.00	1.20	1.10	1.00		30.00	
	45.00	60.00	2	15.00	1.10	1.20	1.00		30.00	
	60.00	75.00	2	15.00	1.10	1.20	1.00		30.00	
	75.00	90.00	2	15.00	1.10	1.20	1.00		30.00	
	90.00	95.00	2	5.00	1.10	1.20	1.00		10.00	
Lake Road										
From Venugopal Temple Road	0.00	15.00	2	15.00	1.20	1.10	1.00		30.00	
	15.00	30.00	2	15.00	1.20	1.10	1.00		30.00	
	30.00	45.00	2	15.00	1.20	1.10	1.00		30.00	
	45.00	60.00	2	15.00	1.10	1.20	1.00		30.00	
	60.00	75.00	2	15.00	1.10	1.20	1.00		30.00	
	75.00	90.00	2	15.00	1.10	1.20	1.00		30.00	
	90.00	105.00	2	15.00	1.10	1.20	1.00		30.00	
	105.00	120.00	2	15.00	1.10	1.20	1.00		30.00	
	120.00	135.00	2	15.00	1.10	1.20	1.00		30.00	
	135.00	150.00	2	15.00	1.10	1.20	1.00		30.00	
	150.00	165.00	2	15.00	1.10	1.20	1.00		30.00	
	165.00	175.00	2	10.00	1.10	1.20	1.00		20.00	
Cross Road										
From Main Road	0.00	15.00	1	15.00	6.25	6.24	6.24		93.60	
	15.00	30.00	1	15.00	6.26	6.24	6.24		93.60	
	30.00	45.00	1	15.00	6.23	6.24	6.24		93.60	
	45.00	60.00	1	15.00	6.24	6.24	6.24		93.60	
	60.00	75.00	1	15.00	6.24	6.24	6.24		93.60	
								Total Qty Work Done	**1008.00**	**Sqm**
								Qty Payable in this bill	**1007.64**	**Sqm**

ASSISTANT EXECUTIVE ENGINEER
KRIDL/ BBMP/ Dasarahalli Sub Division
BENGALURU-560 016

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

01/04/21

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Pre-Measurement Sheet

First and Final

Item No:	17
Item Name:	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.MORTH Specification No.301 (KPWD SR 2018-19, Page No.143, Item No.19.14)

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Road Formation										
6th Cross Road										
From Maramma Temple Main Road	0.00	15.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	15.00	30.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	30.00	45.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	45.00	60.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	60.00	75.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	75.00	90.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	90.00	95.00	2	5.00	1.10	1.20	1.00	0.15	1.50	
Lake Road										
From Venugopal Temple Road	0.00	15.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	15.00	30.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	30.00	45.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	45.00	60.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	60.00	75.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	75.00	90.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	90.00	105.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	105.00	120.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	120.00	135.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	135.00	150.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	150.00	165.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	165.00	175.00	2	10.00	1.10	1.20	1.00	0.15	3.00	
Oni Road Part 2										
From Main Road	0.00	15.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	15.00	30.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	30.00	45.00	2	15.00	1.20	1.10	1.00	0.15	4.50	
	45.00	60.00	2	15.00	1.10	1.20	1.00	0.15	4.50	
	60.00	70.00	2	10.00	1.10	1.20	1.00	0.15	3.00	

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14
Bagalagunte, dasarahalli-sub-Division ,
SL.no.08,g.o.no.90 (Package no. -dhz 01)
Pre-Measurement Sheet
First and Final

Item No: **23**

Item Name: KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision Item No 21.2

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Cleaning										
6th Cross Road										
From Maramma Temple Main Road	0.00	15.00	1	15.00	6.20	6.30	6.10		91.50	
	15.00	30.00	1	15.00	6.20	6.30	6.10		91.50	
	30.00	45.00	1	15.00	6.20	6.30	6.10		91.50	
	45.00	60.00	1	15.00	6.20	6.30	6.10		91.50	
	60.00	75.00	1	15.00	6.30	6.40	6.10		91.50	
	75.00	90.00	1	15.00	6.30	6.40	6.10		91.50	
	90.00	95.00	1	5.00	6.30	6.40	6.10		30.50	
Lake Road										
From Venugopal Temple Road	0.00	15.00	1	15.00	6.60	7.20	6.80		102.00	
	15.00	30.00	1	15.00	6.60	7.20	6.80		102.00	
	30.00	45.00	1	15.00	6.60	7.20	6.80		102.00	
	45.00	60.00	1	15.00	6.60	7.20	6.80		102.00	
	60.00	75.00	1	15.00	6.60	7.20	6.80		102.00	
	75.00	90.00	1	15.00	6.60	7.20	6.80		102.00	
	90.00	105.00	1	15.00	6.60	7.20	6.80		102.00	
	105.00	120.00	1	15.00	6.60	7.20	6.80		102.00	
	120.00	135.00	1	15.00	6.60	6.80	6.80		102.00	
	135.00	150.00	1	15.00	6.60	6.80	6.80		102.00	
	150.00	165.00	1	15.00	6.60	6.80	6.80		102.00	
	165.00	175.00	1	10.00	6.60	6.80	6.80		68.00	
Maramma Temple Road										
From Temple	0.00	15.00	1	15.00	7.00	6.99	7.10		106.50	
	15.00	30.00	1	15.00	7.60	7.50	7.10		106.50	
	30.00	45.00	1	15.00	7.30	7.20	7.10		106.50	
	45.00	60.00	1	15.00	7.20	7.00	7.10		106.50	
	60.00	75.00	1	15.00	7.20	7.00	7.10		106.50	
	75.00	90.00	1	15.00	7.20	7.00	7.10		106.50	
	90.00	105.00	1	15.00	7.20	7.00	7.10		106.50	
	105.00	120.00	1	15.00	7.20	7.00	7.10		106.50	
	120.00	135.00	1	15.00	7.20	7.00	7.10		106.50	
	135.00	150.00	1	15.00	7.20	7.00	7.10		106.50	
	150.00	165.00	1	15.00	7.20	7.00	7.10		106.50	
	165.00	180.00	1	15.00	7.20	7.00	7.10		106.50	
	180.00	195.00	1	15.00	7.20	7.00	7.10		106.50	
	195.00	210.00	1	15.00	6.50	6.20	7.10		106.50	
	210.00	225.00	1	15.00	7.30	7.40	7.10		106.50	
	225.00	240.00	1	15.00	7.20	7.20	7.10		106.50	

	240.00	255.00	1	15.00	7.20	7.40	7.10		106.50	
	255.00	270.00	1	15.00	7.30	7.40	7.10		106.50	
	270.00	285.00	1	15.00	6.00	6.60	7.10		106.50	
	285.00	300.00	1	15.00	6.00	6.60	7.10		106.50	
	300.00	315.00	1	15.00	6.00	6.60	7.10		106.50	
	315.00	330.00	1	15.00	6.00	6.60	7.10		106.50	
	330.00	345.00	1	15.00	6.00	6.60	7.10		106.50	
	345.00	360.00	1	15.00	6.00	6.60	7.10		106.50	
	360.00	375.00	1	15.00	6.00	6.60	7.10		106.50	
	375.00	390.00	1	15.00	7.10	7.20	7.10		106.50	
	390.00	405.00	1	15.00	7.50	7.60	7.10		106.50	
	405.00	410.00	1	5.00	7.60	7.60	7.10		35.50	
VenugopalTemple Road										
From Temple	0.00	15.00	1	15.00	6.20	6.30	6.30		94.50	
	15.00	30.00	1	15.00	6.20	6.30	6.30		94.50	
	30.00	45.00	1	15.00	6.20	6.30	6.30		94.50	
	45.00	60.00	1	15.00	6.20	6.30	6.30		94.50	
	60.00	75.00	1	15.00	6.30	6.40	6.30		94.50	
	75.00	90.00	1	15.00	6.30	6.40	6.30		94.50	
	90.00	95.00	1	5.00	6.30	6.40	6.30		31.50	
								Total Qty Work Done	**5279.00**	**Sqm**
								Qty Payable in this bill	**5279.00**	**Sqm**

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub Division
BENGALURU-560 010

Contractor Representative

12/04/21

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Pre-Measurement Sheet

First and Final

Item No: **24**

Item Name: Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision Item No 21.17

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
DBM										
6th Cross Road										
From Maramma Temple Main Road	0.00	15.00	2	15.00	1.20	1.10	1.00	0.05	1.50	
	15.00	30.00	2	15.00	1.20	1.10	1.00	0.05	1.50	
	30.00	45.00	2	15.00	1.20	1.10	1.00	0.05	1.50	
	45.00	60.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	60.00	75.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	75.00	90.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	90.00	95.00	2	5.00	1.10	1.20	1.00	0.05	0.50	
Lake Road										
From Venugopal Temple Road	0.00	15.00	2	15.00	1.20	1.10	1.00	0.05	1.50	
	15.00	30.00	2	15.00	1.20	1.10	1.00	0.05	1.50	
	30.00	45.00	2	15.00	1.20	1.10	1.00	0.05	1.50	
	45.00	60.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	60.00	75.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	75.00	90.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	90.00	105.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	105.00	120.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	120.00	135.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	135.00	150.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	150.00	165.00	2	15.00	1.10	1.20	1.00	0.05	1.50	
	165.00	175.00	2	10.00	1.10	1.20	1.00	0.05	1.00	
Oni Road										
From Main Road	0.00	15.00	1	15.00	7.10	6.50	6.80	0.05	5.10	
	15.00	30.00	1	15.00	6.30	6.60	6.80	0.05	5.10	
	30.00	45.00	1	15.00	6.40	6.80	6.80	0.05	5.10	
	45.00	60.00	1	15.00	7.20	7.60	6.80	0.05	5.10	
	60.00	75.00	1	15.00	7.50	6.80	6.80	0.05	5.10	
	75.00	90.00	1	15.00	6.50	6.80	6.80	0.05	5.10	
	90.00	105.00	1	15.00	7.20	6.80	6.80	0.05	5.10	
	105.00	115.00	1	10.00	7.20	6.80	6.80	0.05	3.40	
Oni Road Part 2										
From Main Road	0.00	15.00	1	15.00	6.30	6.40	6.30	0.05	4.73	
	15.00	30.00	1	15.00	6.50	6.25	6.30	0.05	4.73	
	30.00	45.00	1	15.00	6.30	6.23	6.30	0.05	4.73	
	45.00	60.00	1	15.00	6.25	6.60	6.30	0.05	4.73	
	60.00	70.00	1	10.00	6.23	6.25	6.30	0.05	3.15	
Cross Road										
	0.00	15.00	1	15.00	6.25	6.24	6.24	0.05	4.68	

From Main Road	15.00	30.00	1	15.00	6.26	6.24	6.24	0.05	4.68	
	30.00	45.00	1	15.00	6.23	6.24	6.24	0.05	4.68	
	45.00	60.00	1	15.00	6.24	6.24	6.24	0.05	4.68	
	60.00	75.00	1	15.00	6.24	6.24	6.24	0.05	4.68	
Total Qty Work Done									**111.55**	**Cum**
Qty Payable in this bill									**111.55**	**Cum**

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub -Divison
BENGALURU-560 010

Contractor Representative

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

12/04/24

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Pre-Measurement Sheet

First and Final

Item No: **25**

Item Name: Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 Item No 21.78.12

	CHAINAGE		NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
BC										
6th Cross Road										
From Maramma Temple Main Road	0.00	15.00	1	15.00	6.20	6.30	6.10	0.04	3.66	
	15.00	30.00	1	15.00	6.20	6.30	6.10	0.04	3.66	
	30.00	45.00	1	15.00	6.20	6.30	6.10	0.04	3.66	
	45.00	60.00	1	15.00	6.20	6.30	6.10	0.04	3.66	
	60.00	75.00	1	15.00	6.30	6.40	6.10	0.04	3.66	
	75.00	90.00	1	15.00	6.30	6.40	6.10	0.04	3.66	
	90.00	95.00	1	5.00	6.30	6.40	6.10	0.04	1.22	
Lake Road										
From Venugopal Temple Road	0.00	15.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	15.00	30.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	30.00	45.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	45.00	60.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	60.00	75.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	75.00	90.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	90.00	105.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	105.00	120.00	1	15.00	6.60	7.20	6.80	0.04	4.08	
	120.00	135.00	1	15.00	6.60	6.80	6.80	0.04	4.08	
	135.00	150.00	1	15.00	6.60	6.80	6.80	0.04	4.08	
	150.00	165.00	1	15.00	6.60	6.80	6.80	0.04	4.08	
	165.00	175.00	1	10.00	6.60	6.80	6.80	0.04	2.72	
Maramma Temple Road										
From Temple	0.00	15.00	1	15.00	7.00	6.99	7.10	0.04	4.26	
	15.00	30.00	1	15.00	7.60	7.50	7.10	0.04	4.26	
	30.00	45.00	1	15.00	7.30	7.20	7.10	0.04	4.26	
	45.00	60.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	60.00	75.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	75.00	90.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	90.00	105.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	105.00	120.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	120.00	135.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	135.00	150.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	150.00	165.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	165.00	180.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	180.00	195.00	1	15.00	7.20	7.00	7.10	0.04	4.26	
	195.00	210.00	1	15.00	6.50	6.20	7.10	0.04	4.26	
	210.00	225.00	1	15.00	7.30	7.40	7.10	0.04	4.26	
	225.00	240.00	1	15.00	7.20	7.20	7.10	0.04	4.26	

E.E. (D.D.)

E.E. (D.D.)

	240.00	255.00	1	15.00	7.20	7.40	7.10	0.04	4.26
	255.00	270.00	1	15.00	7.30	7.40	7.10	0.04	4.26
	270.00	285.00	1	15.00	6.00	6.60	7.10	0.04	4.26
	285.00	300.00	1	15.00	6.00	6.60	7.10	0.04	4.26
	300.00	315.00	1	15.00	6.00	6.60	7.10	0.04	4.26
	315.00	330.00	1	15.00	6.00	6.60	7.10	0.04	4.26
	330.00	345.00	1	15.00	6.00	6.60	7.10	0.04	4.26
	345.00	360.00	1	15.00	6.00	6.60	7.10	0.04	4.26
	360.00	375.00	1	15.00	7.10	7.20	7.10	0.04	4.26
	375.00	390.00	1	15.00	7.50	7.60	7.10	0.04	4.26
	390.00	405.00	1	5.00	7.60	7.60	7.10	0.04	1.42
				Oni Road					
From Main Road	0.00	15.00	1	15.00	7.10	6.50	6.80	0.04	4.08
	15.00	30.00	1	15.00	6.30	6.60	6.80	0.04	4.08
	30.00	45.00	1	15.00	6.40	6.80	6.80	0.04	4.08
	45.00	60.00	1	15.00	7.20	7.60	6.80	0.04	4.08
	60.00	75.00	1	15.00	7.50	6.80	6.80	0.04	4.08
	75.00	90.00	1	15.00	6.50	6.80	6.80	0.04	4.08
	90.00	105.00	1	15.00	7.20	6.80	6.80	0.04	4.08
	105.00	115.00	1	10.00	7.20	6.80	6.80	0.04	2.72
				Oni Road Part 2					
From Main Road	0.00	15.00	1	15.00	6.30	6.40	6.30	0.04	3.78
	15.00	30.00	1	15.00	6.50	6.25	6.30	0.04	3.78
	30.00	45.00	1	15.00	6.30	6.23	6.30	0.04	3.78
	45.00	60.00	1	15.00	6.25	6.60	6.30	0.04	3.78
	60.00	70.00	1	10.00	6.23	6.25	6.30	0.04	2.52
				VenugopalTemple Road					
From Temple	0.00	15.00	1	15.00	6.20	6.30	6.30	0.04	3.78
	15.00	30.00	1	15.00	6.20	6.30	6.30	0.04	3.78
	30.00	45.00	1	15.00	6.20	6.30	6.30	0.04	3.78
	45.00	60.00	1	15.00	6.20	6.30	6.30	0.04	3.78
	60.00	75.00	1	15.00	6.30	6.40	6.30	0.04	3.78
	75.00	90.00	1	15.00	6.30	6.40	6.30	0.04	3.78
	90.00	95.00	1	5.00	6.30	6.40	6.30	0.04	1.26
				Cross Road					
From Main Road	0.00	15.00	1	15.00	6.25	6.24	6.24	0.04	3.74
	15.00	30.00	1	15.00	6.26	6.24	6.24	0.04	3.74
	30.00	45.00	1	15.00	6.23	6.24	6.24	0.04	3.74
	45.00	60.00	1	15.00	6.24	6.24	6.24	0.04	3.74
	60.00	75.00	1	15.00	6.24	6.24	6.24	0.04	3.74
								Total Qty Work Done	**278.80**
								Qty Payable in this bill	**278.80**

E.E. (D.D.)

E.E. (D.D.)

E.E. (D.D.)

E.E. (D.D.)

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub -Divison
BENGALURU-560 020

12/04/21

Contractor Representative

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

Measurement Sheet

First and Final

Item No:	26								
Item Name	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as apporved by Engineer Incharge								
	CHAINAGE	NO,s	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Geonets								
			16.00		0.31			4.96	
							Total Qty Work Done	**4.96**	**Sqm**
							Qty Payable in this bill	**4.96**	**Sqm**

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub-Division
BENGALURU-560 010

Contractor Representative

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Consultant Representative

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru